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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known	
Application Number	10/806,296
Filing Date	March 22, 2004
First Named Inventor	Rabi, J.A.
Group Art Unit	1623
Examiner Name	Unassigned
Attorney Docket Number	06171.105107 IDX 1012B US

3478701_2.DOC

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. [1]	U.S. Patent Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages/Relevant Figures Appear
	AA	3,891,623	A	Vorbruggen *et al.*	06-24-1975	
	AB	4,754,026	A	Kawada *et al.*	06-28-1988	
	AC	4,957,924	A	Beauchamp	09-18-1990	
	AD	5,144,018	A	Kuzuhara *et al.*	09-01-1992	all
	AE	5,565,438	A	Chu *et al.*	10-15-1996	
	AF	5,567,688	A	Chu *et al.*	10-23-1996	duplicates,
	AG	5,587,362	A	Chu *et al.*	12-24-1996	
	AH	6,153,594	A	Borretzen *et al.*	11-28-2000	
	AI	6,248,878	B1	Matulic-Adamic *et al.*	06-19-2001	
	AJ	6,271,212	B1	Chu *et al.*	08-07-2001	
	AK	6,395,716	B1	Gosselin *et al.*	05-28-2002	
	AL	6,444,652	B1	Gosselin *et al.*	09-03-2002	
	AM	2003-0050229	A1	Sommadossi *et al.*	03-13-2003	
	AN	6,566,344	B1	Gosselin *et al.*	05-20-2003	
	AO	6,569,837	B1	Gosselin *et al.*	05-27-2003	
	AP	2003-0083306	A1	Imbach *et al.*	05-01-2003	
	AQ	2004-0006002	A1	Sommadossi *et al.*	01-08-2004	

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	AR	DD	0,140,254	Z	Akad. Wissenschaft der DDR Zentralinstitut für Molekularbiologie	02-20-1980		
	AS	DE	42 24 737	A1	Prof. Dr. Herbert Schott	02-03-1994	all	
	AT	EP	0 352 248	A1	Johansson *et al.*	01-24-1990		
	AU	JP	62-93645	A	Jpn. Kokai Tokkyo Koho	10-21-1994	duplicates	translation
	AV	WO	95/07287	A1	CNRS	03-16-1995		
	AW	WO	96/11204	A1	Max Delbrück Centr. Mol. Med.	04-18-1996		translation
	AX	WO	96/13512	A2	Genencor Int'l; Lipitek	05-09-1996		
	AY	WO	96/40164	A1	Emory U.; UAB Res.Found.; CNRS	12-19-1996		
	AZ	WO	00/09531	A2	Novirio Pharm. [Idenix]; CNRS	02-24-2000		
	AAA	WO	01/90121	A2	Novirio [Idenix]; Univ.... Cagliari	11-29-2000		
	AAB	WO	01/96353	A2	Novirio Pharm. [Idenix]; C.N.R.S.	21-20-2001		

Examiner Signature	G. Kaminski	Date Considered	9/29/06.

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	BD	BUDAVARI, *et al.*, Eds., The Merck Index, 12th Edition, Entry no. 10039, p. 10044.	
	BE	CAVELIER, F., *et al.*, "Studies of selective Boc removal in the presence of silyl ethers," *Tetrahedron Letters*, 37:5131-5134 (1996).	
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	BG	DAVISSON, V.J., *et al.*, "Synthesis of Nucleotide 5'-Diphosphates from 5'-O-Tosyl Nucleosides," *J. Org. Chem.*, 52(9):1794-1801 (1987).	
	BH	FOX, J.J., *et al*,. "Thiolation of nucleosides. II. Synthesis of 5-methyl-2'-deoxycytidine and related pyrimidine nucleosides," *J. Am. Chem. Soc.*, 81:178-187 (1959).	
	BI	HOARD, D.E., *et al.*, "Conversion of Mono- and Oligodeoxyribonucleotides to 5'-Triphosphates," *J. Am. Chem. Soc.*, 87(8):1785-1788 (April 20, 1965).	
	BJ	HOLY, A., "Nucleic Acid Components and Their Analogs. CLIII. Preparation of 2'-deoxy-L-Ribonucleosides of the Pyrimidine Series," *Collect. Czech. Chem. Commun.*, 37(12):4072-4087 (1972).	
	BK	IMAI, K., *et al.*, "Studies on Phosphorylation. IV. Selective Phosphorylation of the Primary Hydroxyl Group in Nucleosides." *J. Org. Chem.*, 34(6):1547-1550 (June 1969).	
	BL	KANEKO, M., *et al.*, "A convenient synthesis of cytosine nucleosides," *Chem. Pharm. Bull.*, 20:1050-1053 (1972).	
	BM	KERR, S.G., *et al.*, "N4-(dialkylamino)methylene derivatives of 2'-deoxycytidine and arabinocytidine: physicochemical studies for potential prodrug applications," *J. Pharm. Sci.*, 83(4):582-586 (April 1994).	
	BN	LIN, T.-S., *et al.*, "Synthesis of Several Pyrimidine L-Nucleoside Analogues as Potential Antiviral Agents," *Tetrahedron Letters*, 51(4):1055-1068 (1995).	
	BO	LUH, T.-Y., *et al.*, "A convenient method for the selective esterification of amino-alcohols," *Synthetic Communications*, 8(5):327-333 (1978).	
	BP	MAGA, Giovanni, *et al.*, "Lack of stereospecificity of suid pseudorabies virus thymidine kinase," *Biochem. J.*, 294(2):381-385 (1993).	
	BQ	McCORMICK, J., *et al.*, "Structure and total synthesis of HF-7, a neuroactive glyconucleoside disulfate from he funnel-web spide *Hololena curta*," J. Am. Chem. Soc., 121(24):5661-5664 (1999).	

all duplicates.

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Examiner Signature	G. Kaplan	Date Considered	9/29/06

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	CB	STANDRING, D.N., *et al.*, "Antiviral beta-L-nucleosides specific for hepatitis B virus infection," *Antiviral Chem. & Chemother.*, 12 (Suppl. 1):119-129 (2001).	
	CC	TANG, X.-Q., *et al.*, "2'-C-Branched ribonucleosides: Synthesis of the phosphoramidite derivatives of 2'-C-b-methylcytidine and their incorporation into oligonucleotides," *J. Org. Chem.*, 64(3):747-754 (1999).	
	CD	TYRSTED, G., *et al.* "Inhibition of the synthesis of 5-phosphoribosyl-1-pyrophosphate by 3'-deoxy-adenosine and structurally related nucleoside analogs." *Biochim. Biophys. Acta.*, 155(2):619-622 (February 26, 1968).	
	CE	VERRI, A., *et al.*, "Lack of enantiospecificity of human 2'-deoxycytidine kinase: relevance for the activation of β-L-deoxycytidine analogs as antineoplastic and antiviral agents," *Molecular Pharmacology*, 51(1):132-138 (January 1997).	
	CF	VERRI, A., *et al.*, "Relaxed Enantioselectivity of Human Mitochondrial Thymidine Kinase and Chemotherapeutic Uses of L-Nucleoside Analogues," *Biochem. J.*, 328(1):317-320 (November 15, 1997).	
	CG	Von JANTA-LIPINSKI, M., *et al.*, "Newly Synthesized L-Enantiomers of 3'-Fluoro-Modified β-2'-Deoxyribonucleoside 5'-Triphosphates Inhibit Hepatitis B DNA Polymerase but not the Five Cellular DNA Polymerases α, β, γ, δ, and ε Nor HIV-1 Reverse Transcriptase," *J. Medicinal Chemistry*, 41(12):2040-2046 (May 21, 1998).	
	CH	ZEDECK, M.S., *et al.*, "Inhibition of the steroid-induced synthesis of D5-3-ketosteroid isomerase in *Pseudomonas testosterone* by a new purine deoxyribonucleoside analog: 6-chloro-8-aza-9-cyclopentylpurine," *Mol. Pharmacol.*, 3(4):386-395 (1967).	
	CI	ZHANG, W., *et al.*, "Removal of silyl protecting groups from hydroxyl functions with ammonium fluoride in methanol, " *Tetrahedron Letters*, 33:1177-1180 (1992).	

all duplicates.

Examiner Signature	G. Kwon	Date Considered	9/29/06

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First Named Inventor	Rabi, J.A.
Group Art Unit	1623
Examiner Name	Ganapathy Krishnan
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	AB	4,754,026	A	Kawada *et al.*	06-28-1988	
	AC	4,957,924	A	Beauchamp	09-18-1990	
	AD	5,144,018	A	Kuzuhara *et al.*	09-01-1992	
	AE	5,565,438	A	Chu *et al.*	10-15-1996	
	AF	5,567,688	A	Chu *et al.*	10-23-1996	
	AG	5,587,362	A	Chu *et al.*	12-24-1996	
	AH	6,153,594	A	Børretzen *et al.*	11-28-2000	
	AI	6,248,878	B1	Matulic-Adamic *et al.*	06-19-2001	
	AJ	6,271,212	B1	Chu *et al.*	08-07-2001	
	AK	6,395,716	B1	Gosselin *et al.*	05-28-2002	
	AL	6,444,652	B1	Gosselin *et al.*	09-03-2002	
	AM	2003-0050229	A1	Sommadossi *et al.*	03-13-2003	
	AN	6,566,344	B1	Gosselin *et al.*	05-20-2003	
	AO	6,569,837	B1	Gosselin *et al.*	05-27-2003	
	AP	2003-0083306	A1	Imbach *et al.*	05-01-2003	
	AQ	2004-0006002	A1	Sommadossi *et al.*	01-08-2004	
GK		2005/0020825		Storer et al.	01-27-2005	

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GK	AR	DD	0,140,254	Z	Akad. Wissenschaft der DDR Zentralinstitut für Molekularbiologie	02-20-1980		
	AS	DE	42 24 737	A1	Prof. Dr. Herbert Schott	02-03-1994	with English abstract	
	AT	EP	0 352 248	A1	Johansson *et al.*	01-24-1990		
	AU	JP	62-93645	A	Jpn. Kokai Tokkyo Koho	10-21-1994	machine translation	
	AV	JP	07224081	A2	Kobayashi Perfumery Co.	08-22-1995	English translation	
	AW	JP	2000290289	A2	Mitsui Chemicals Inc.	10-17-2000	English translation	
	AX	WO	95/07287	A1	CNRS	03-16-1995		
	AY	WO	96/11204	A1	Max Delbrück Centr. Mol. Med.	04-18-1996	with English abstract	
	AZ	WO	96/13512	A2	Genencor Int'l; Lipitek	05-09-1996		
GK	AAA	WO	96/40164	A1	Emory U.; UAB Res.Found.; CNRS	12-19-1996		

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Examiner Signature	G. Krishnan	Date Considered	9/29/06

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	BI	CRETTON-SCOTT, E., *et al.*, "Pharmacokinetics of β-L-2'-deoxycytidine prodrugs in monkeys," *Antiviral Res.*, 50:A44 (2001) [Abstract no. 16].	
	BJ	DAVISSON, V.J., *et al.*, "Synthesis of Nucleotide 5'-Diphosphates from 5'-O-Tosyl Nucleosides," *J. Org. Chem.*, 52(9):1794-1801 (1987).	
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	BM	HOLY, A., "Nucleic Acid Components and Their Analogs. CLIII. Preparation of 2'-deoxy-L-Ribonucleosides of the Pyrimidine Series," *Collect. Czech. Chem. Commun.*, 37(12):4072-4087 (1972).	
	BN	HUBBARD, A.J. et al., "An Investigation by 1H NMR Spectroscopy Into the Factors Determining the β :α Ratio of the Product in 2'-Deoxynucleoside Sythesis ", *Nucleic Acids Research*, 12(7) : 6827-6837(1984)	
	BO	IMAI, K., *et al.*, "Studies on Phosphorylation. IV. Selective Phosphorylation of the Primary Hydroxyl Group in Nucleosides." *J. Org. Chem.*, 34(6):1547-1550 (June 1969).	
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	CB	LIN, T.-S., *et al.*, "Synthesis of Several Pyrimidine L-Nucleoside Analogues as Potential Antiviral Agents," *Tetrahedron Letters*, 51(4):1055-1068 (1995).	
	CC	LUH, T.-Y., *et al.*, "A convenient method for the selective esterification of amino-alcohols," *Synthetic Communications*, 8(5):327-333 (1978).	
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